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## BIB DATA SHEET

CONFIRMATION NO. 5182

<b>SERIAL NUMBER</b> 10/633,498	<b>FILING or 371(c) DATE</b> 08/05/2003 <b>RULE</b>	<b>CLASS</b> 709	<b>GROUP ART UNIT</b> 2614	<b>ATTORNEY DOCKET NO.</b> H0493		
<b>APPLICANTS</b> Maged F. Barsoum, Sunnyvale, CA; Fred Berkowitz, Sunnyvale, CA; ** <b>CONTINUING DATA</b> ***** none M El ** <b>FOREIGN APPLICATIONS</b> ***** ** <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 10/30/2003						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input type="checkbox"/> No Verified and Acknowledged <u>/MARIA EL-ZOABI/</u> Examiner's Signature		<input type="checkbox"/> Met after Allowance Initials	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWINGS</b> 5	<b>TOTAL CLAIMS</b> 20	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> HARRITY & HARRITY, LLP 11350 Randon Hills Road SUITE 600 FAIRFAX, VA 22030 UNITED STATES						
<b>TITLE</b> Systems and methods for communicating in a discrete multitone system						
<b>FILING FEE RECEIVED</b> 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		